

FIG. 1 is a block diagram of a network architecture 100.

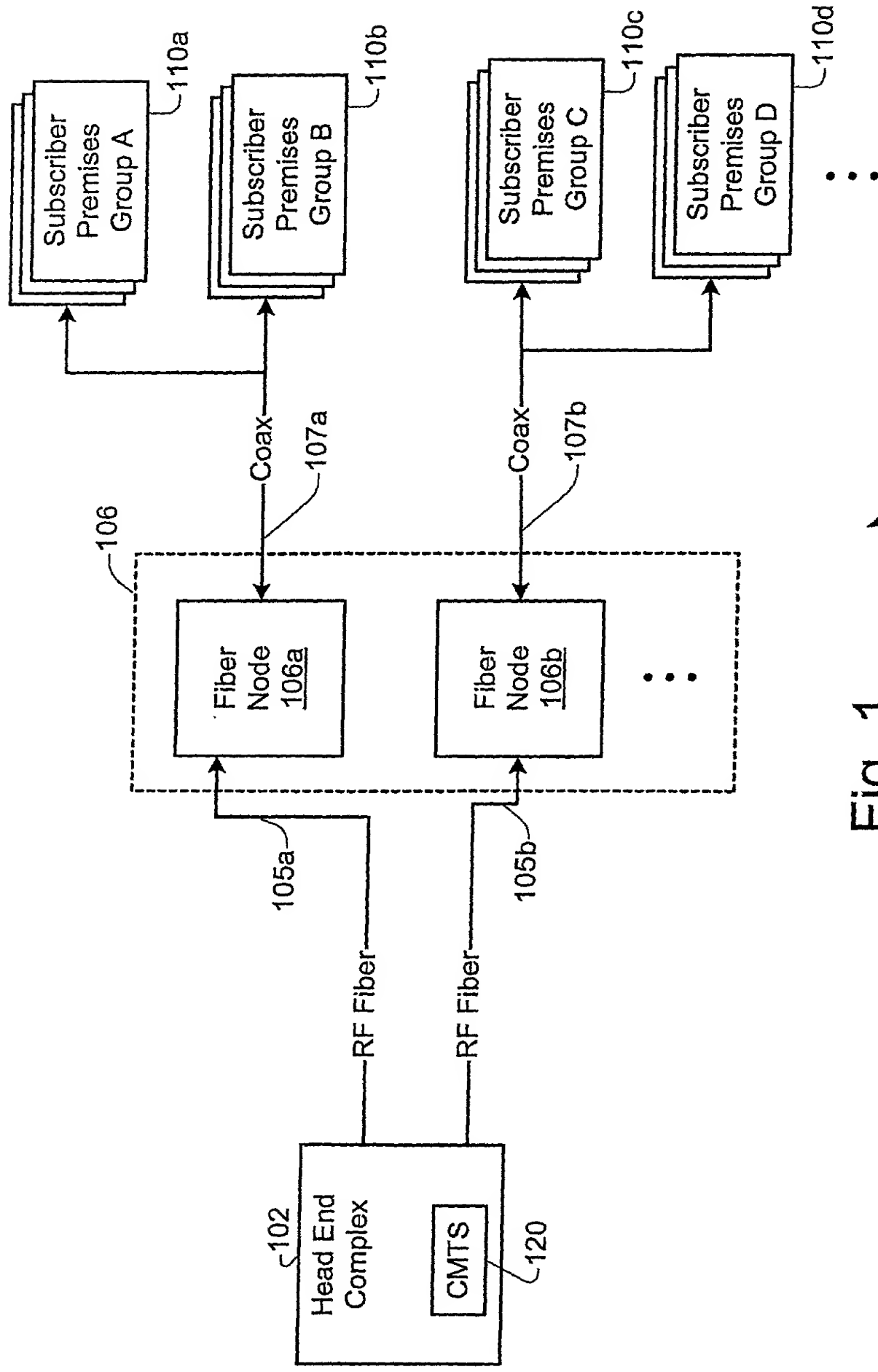


Fig. 1
(Prior Art)

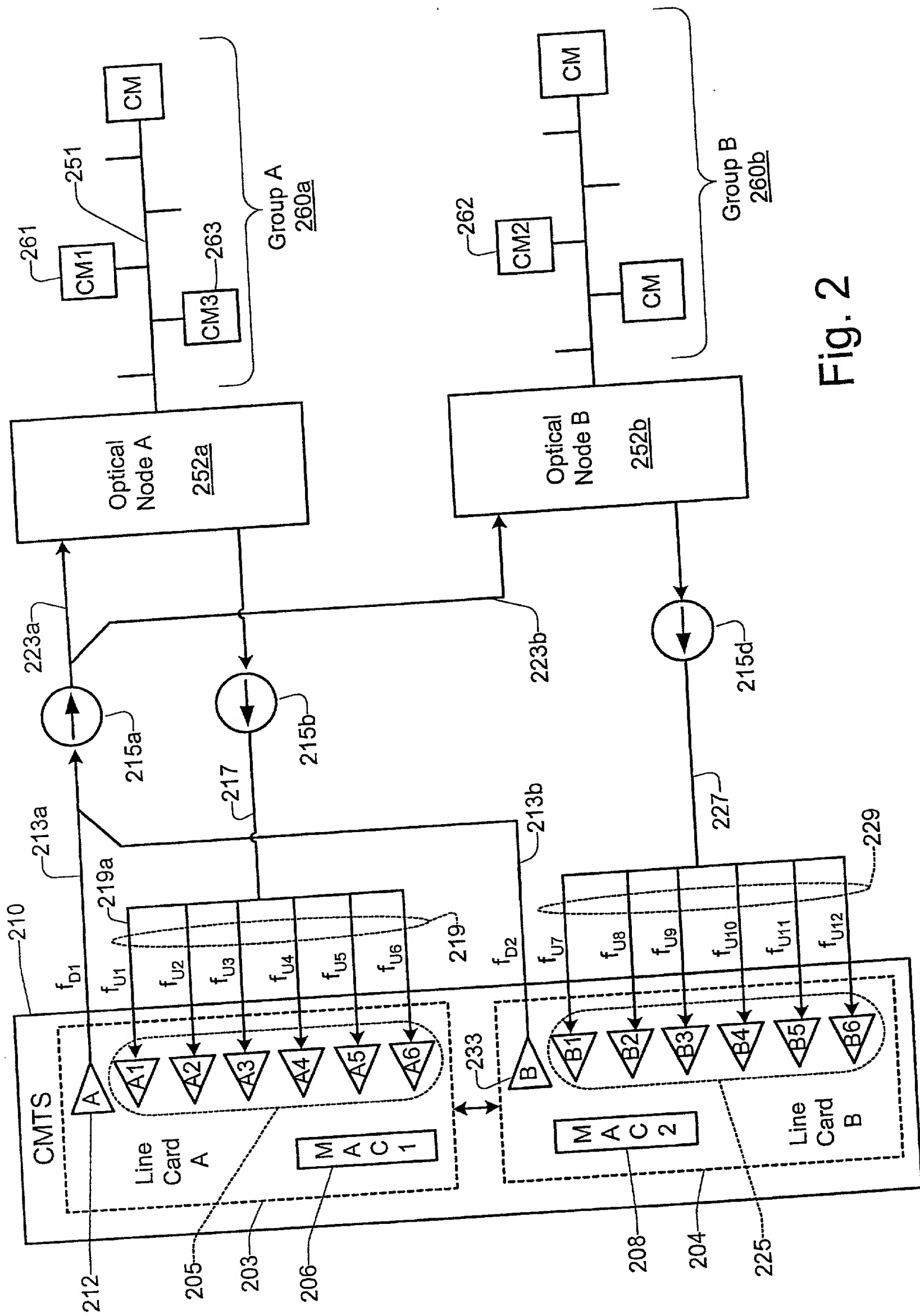


Fig. 2

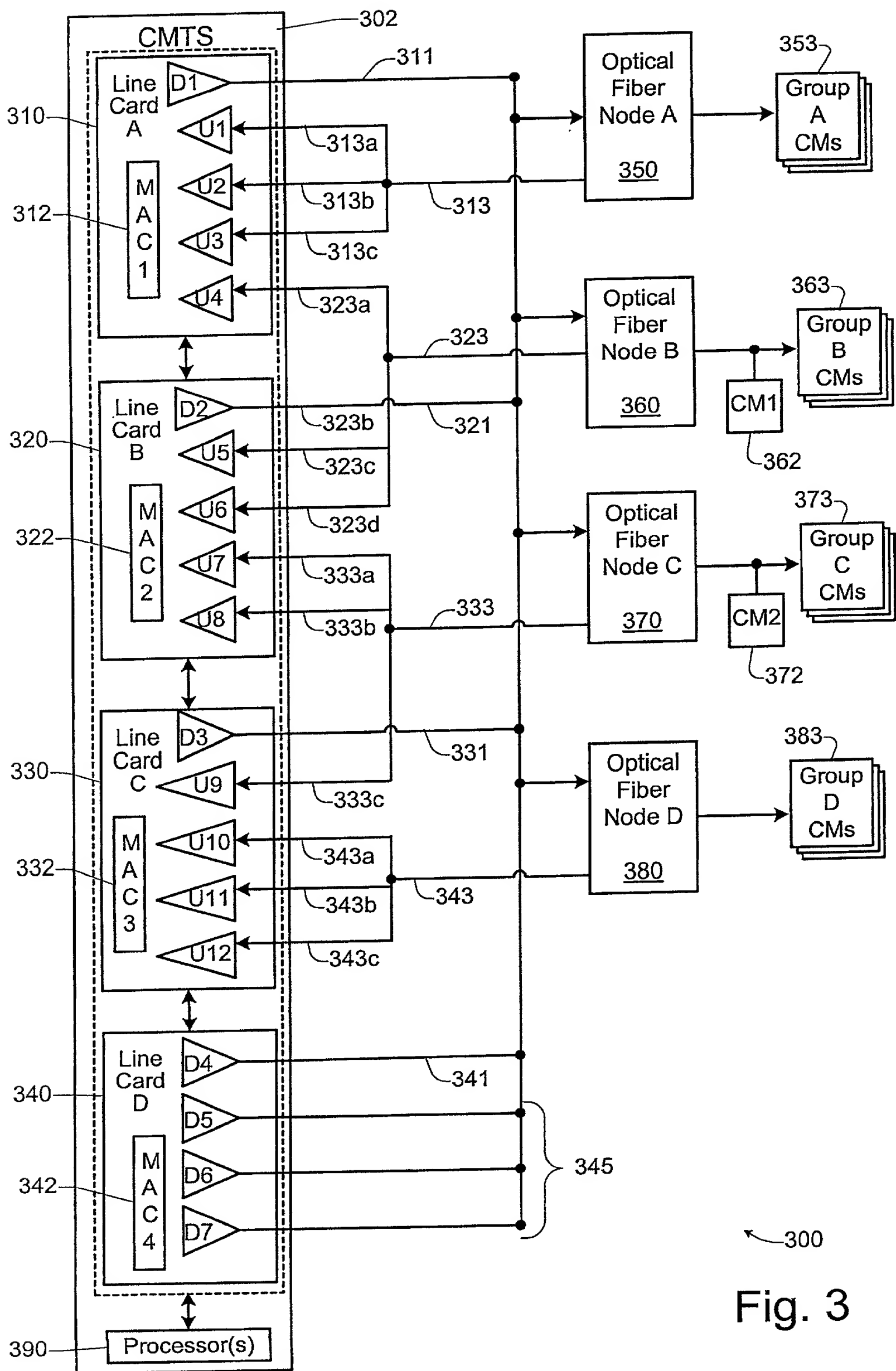


Fig. 3

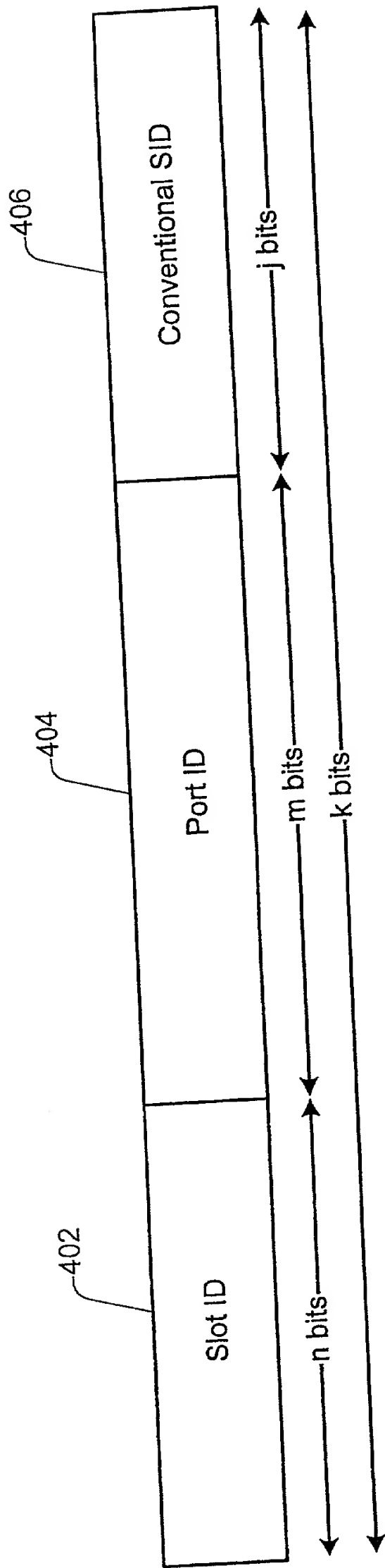


Fig. 4A

| | | | | |
|-------|-----|--------|--------|------------|
| 451 → | US1 | Slot 1 | Port 1 | SID 0-7999 |
| 453 → | US2 | Slot 1 | Port 2 | SID 0-7999 |
| | US3 | Slot 1 | Port 3 | SID 0-7999 |
| | US4 | Slot 1 | Port 4 | SID 0-7999 |
| 455 → | US5 | Slot 2 | Port 1 | SID 0-7999 |
| | US6 | Slot 2 | Port 2 | SID 0-7999 |
| | US7 | Slot 2 | Port 3 | SID 0-7999 |
| | ⋮ | ⋮ | ⋮ | ⋮ |
| | ⋮ | ⋮ | ⋮ | ⋮ |
| | ⋮ | ⋮ | ⋮ | ⋮ |

Fig. 4B

450

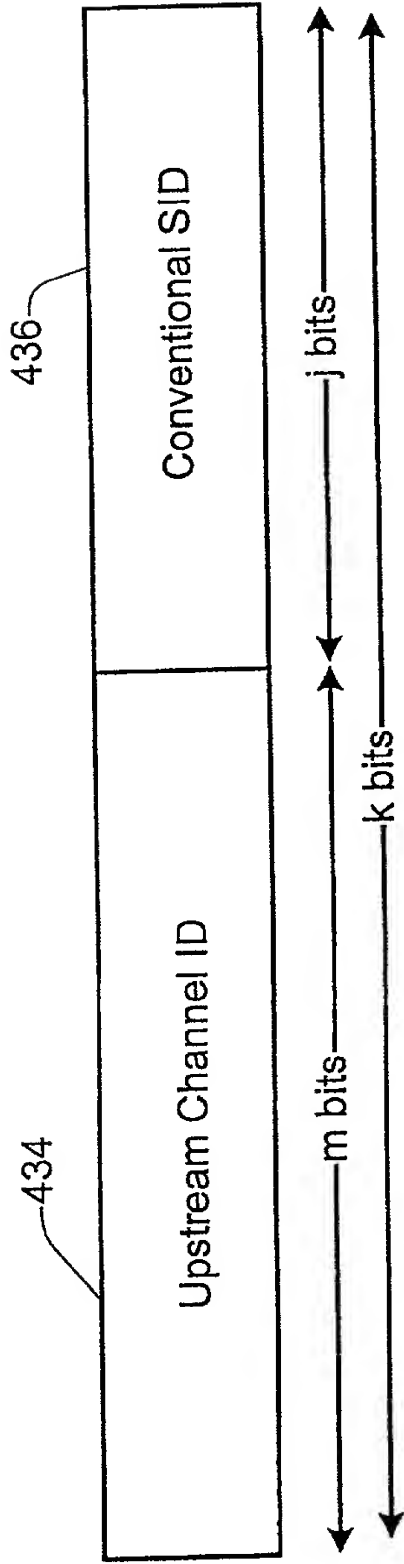


Fig. 4C

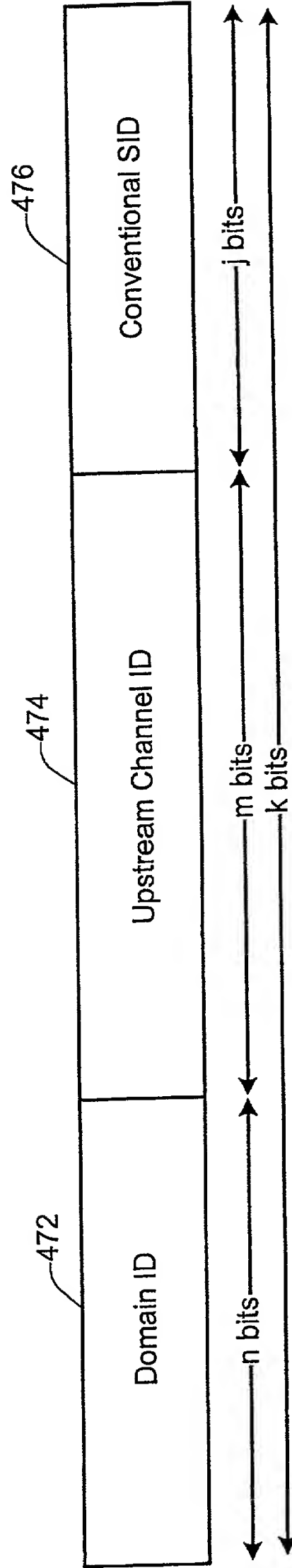


Fig. 4D

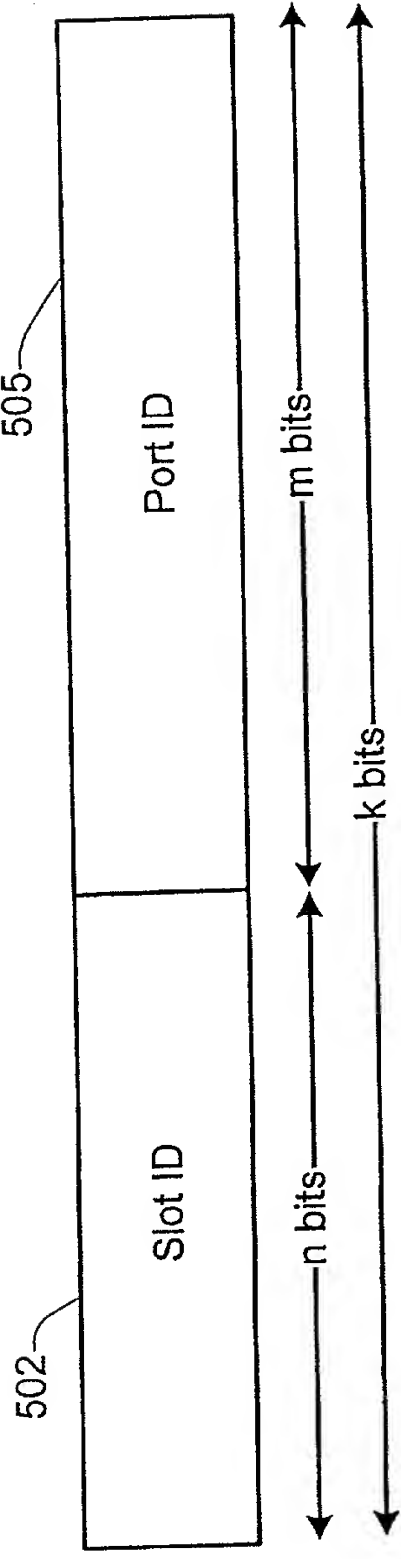


Fig. 5A

500

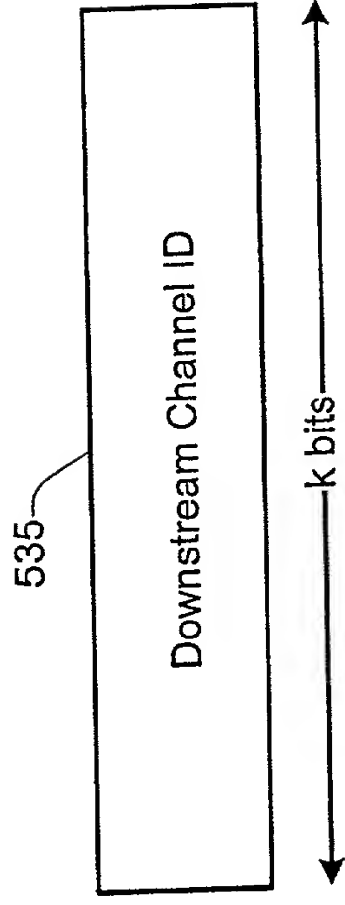


Fig. 5B

530

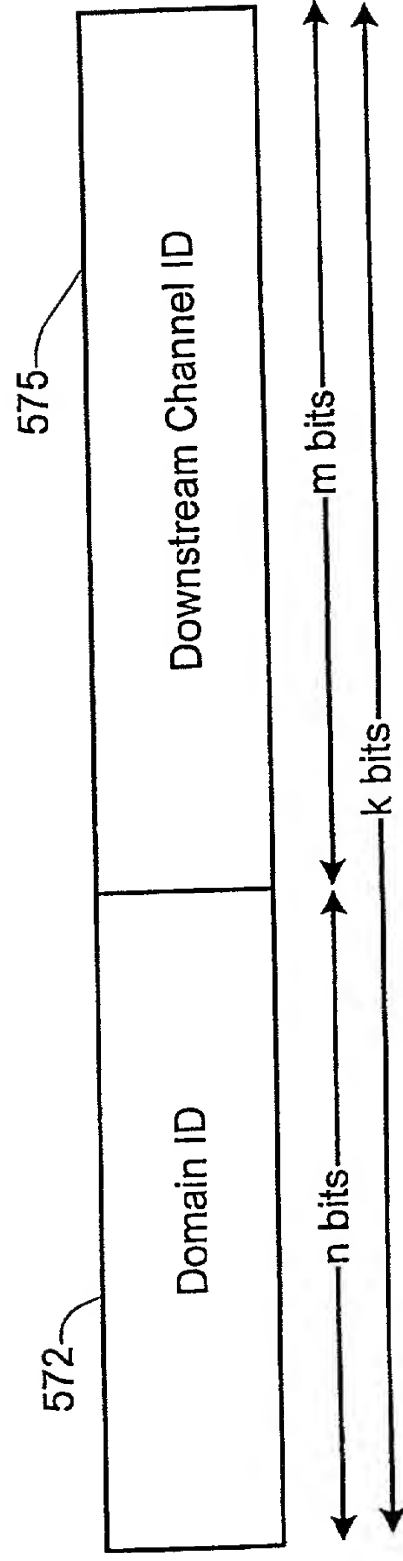


Fig. 5C

570

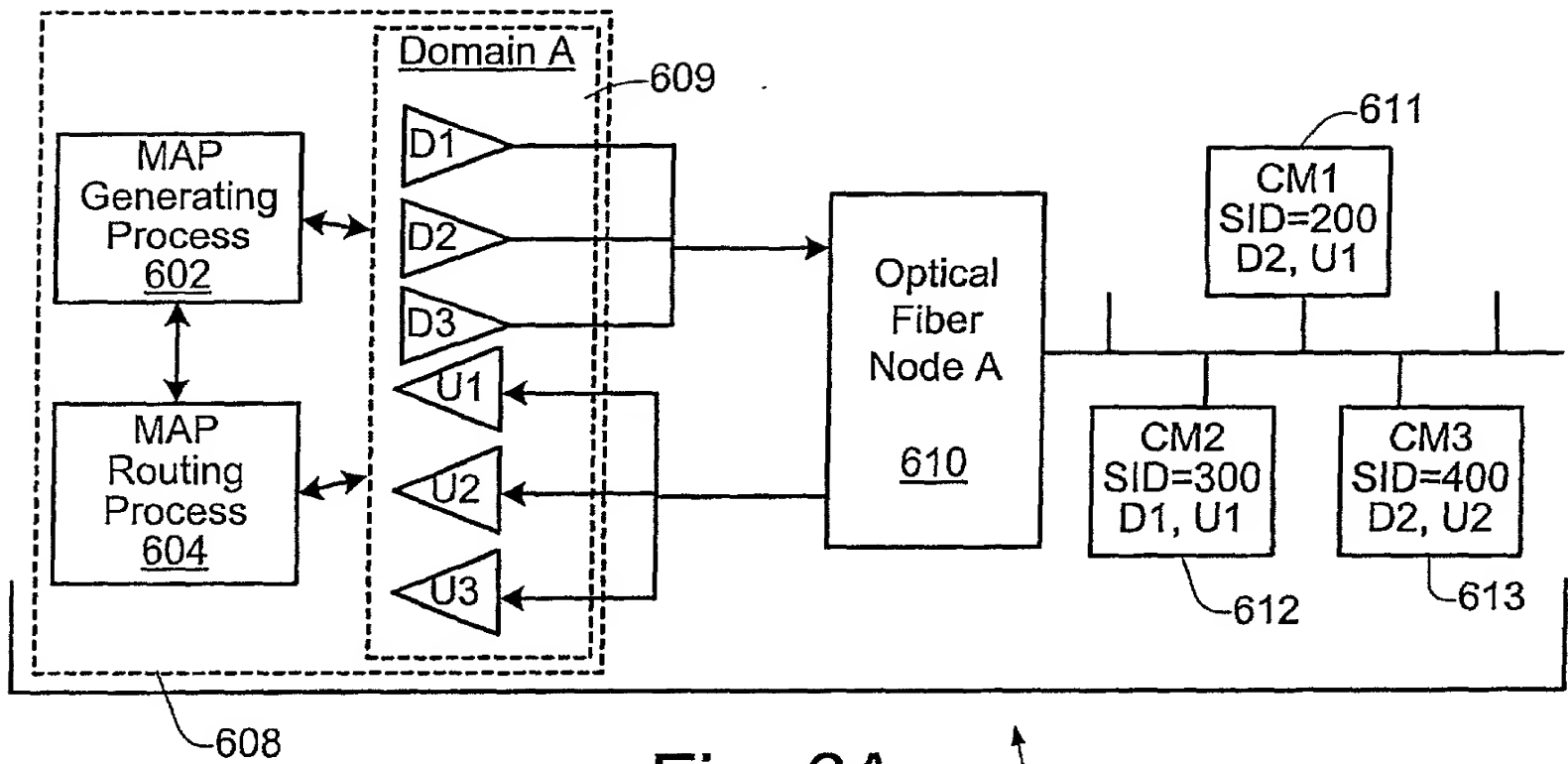


Fig. 6A

| | 622 Internal SID (Slot,Port,SID) | 624 US ID | 626 DS ID |
|------|--|--------------|--------------|
| 621→ | 2,1,200 | U1 | D2 |
| 623→ | 2,1,300 | U1 | D1 |
| 625→ | 2,2,400 | U2 | D2 |

Membership
Table
Fig. 6B

| | | 652 D1 | 654 D2 | 656 D3 |
|------|----|-----------|-----------|-----------|
| 651→ | U1 | A | A | I |
| 653→ | U2 | I | A | I |
| 655→ | U3 | ... | ... | ... |

ActivityTable

Fig. 6C

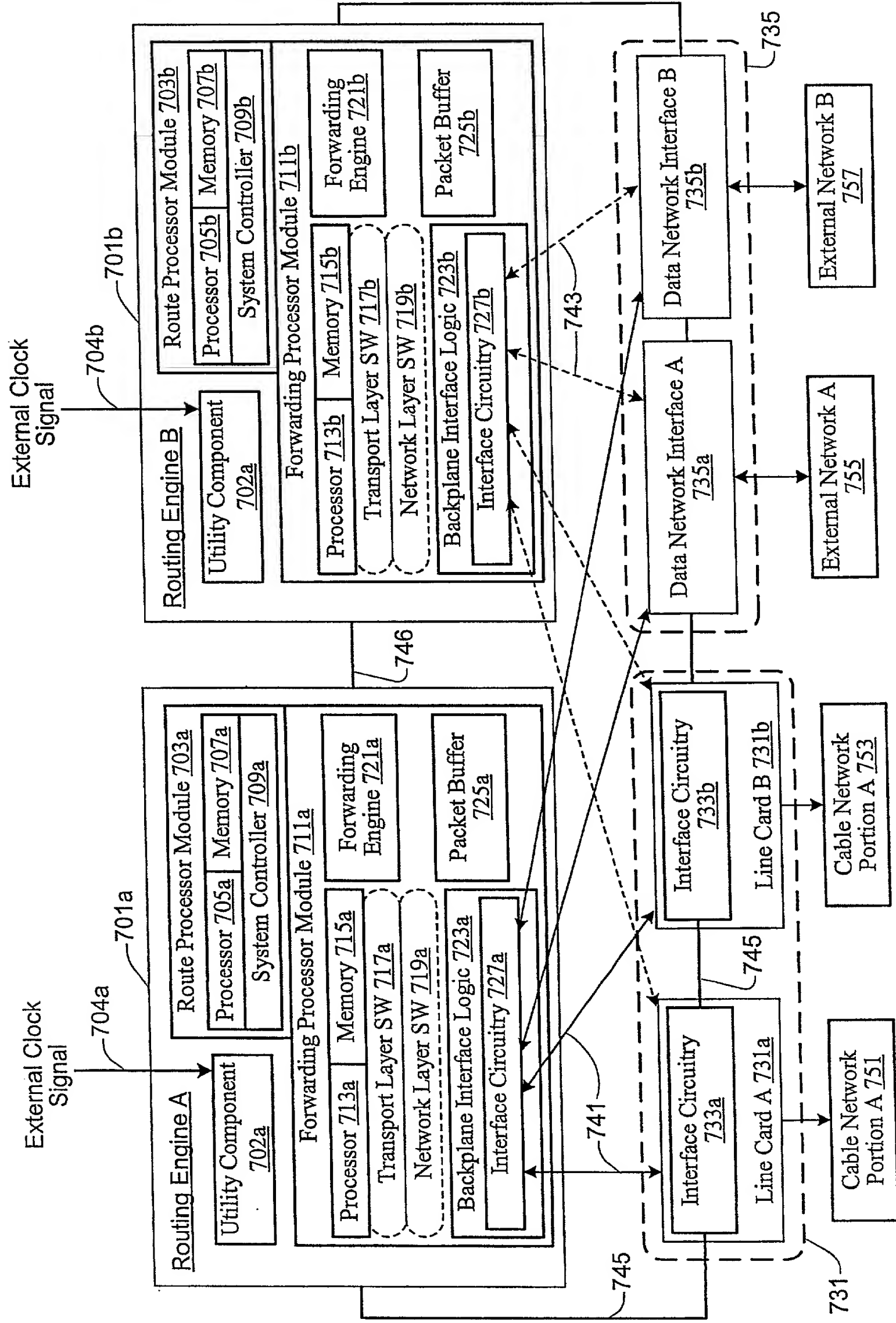
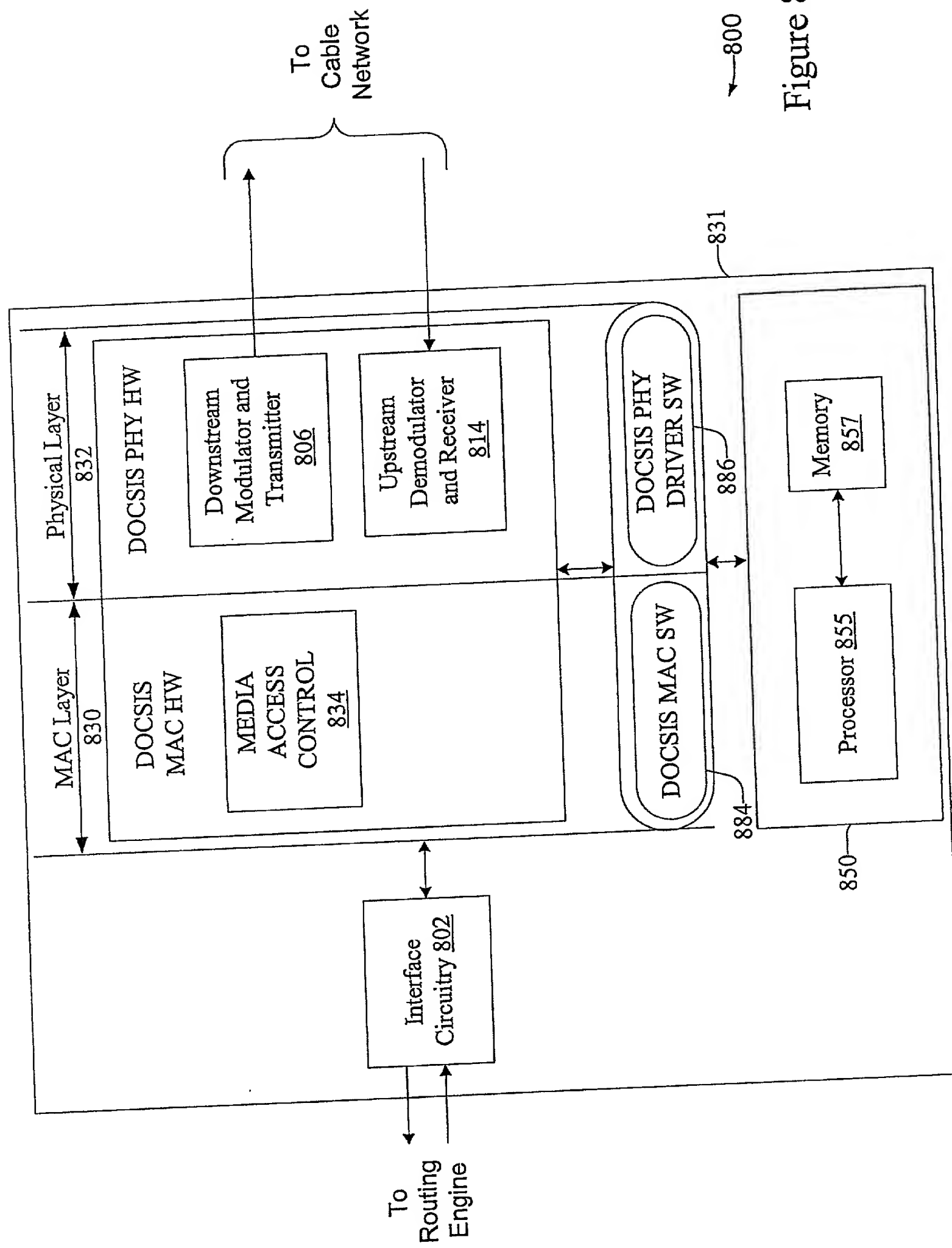


Figure 7 700



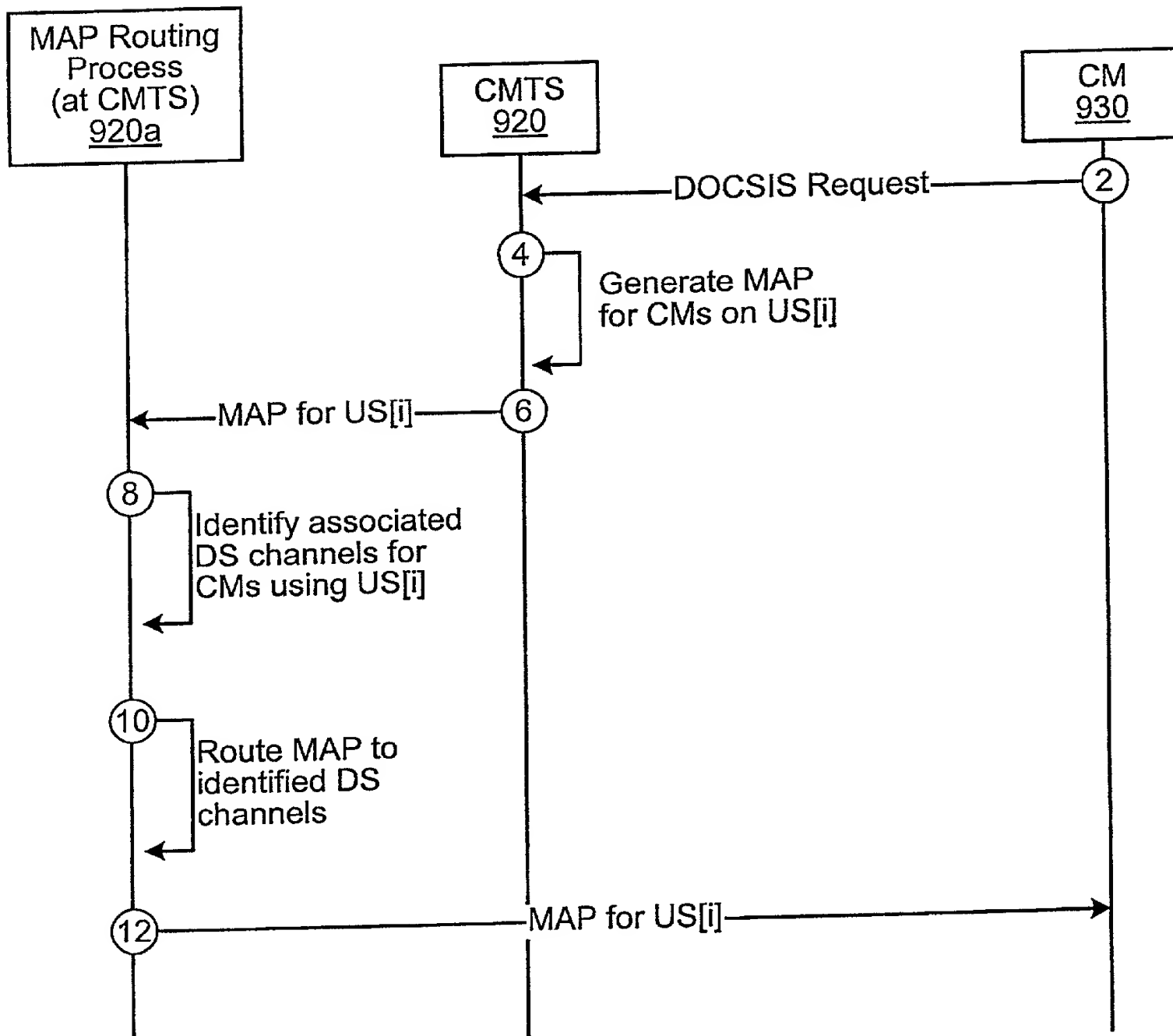


Fig. 9

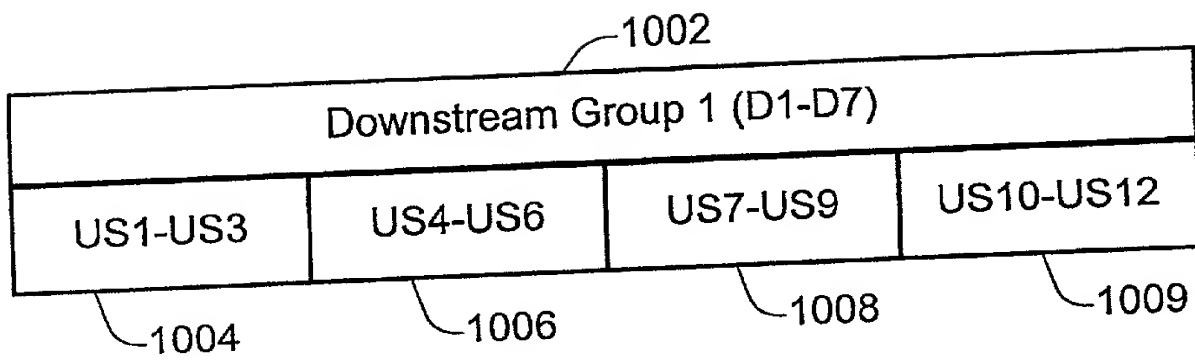


Fig. 10A

1010

| DS Load Sharing Group ID | DS Channels | Sub-Domain ID |
|--------------------------|-------------|---------------|
| DSG1 | D1-D7 | A |

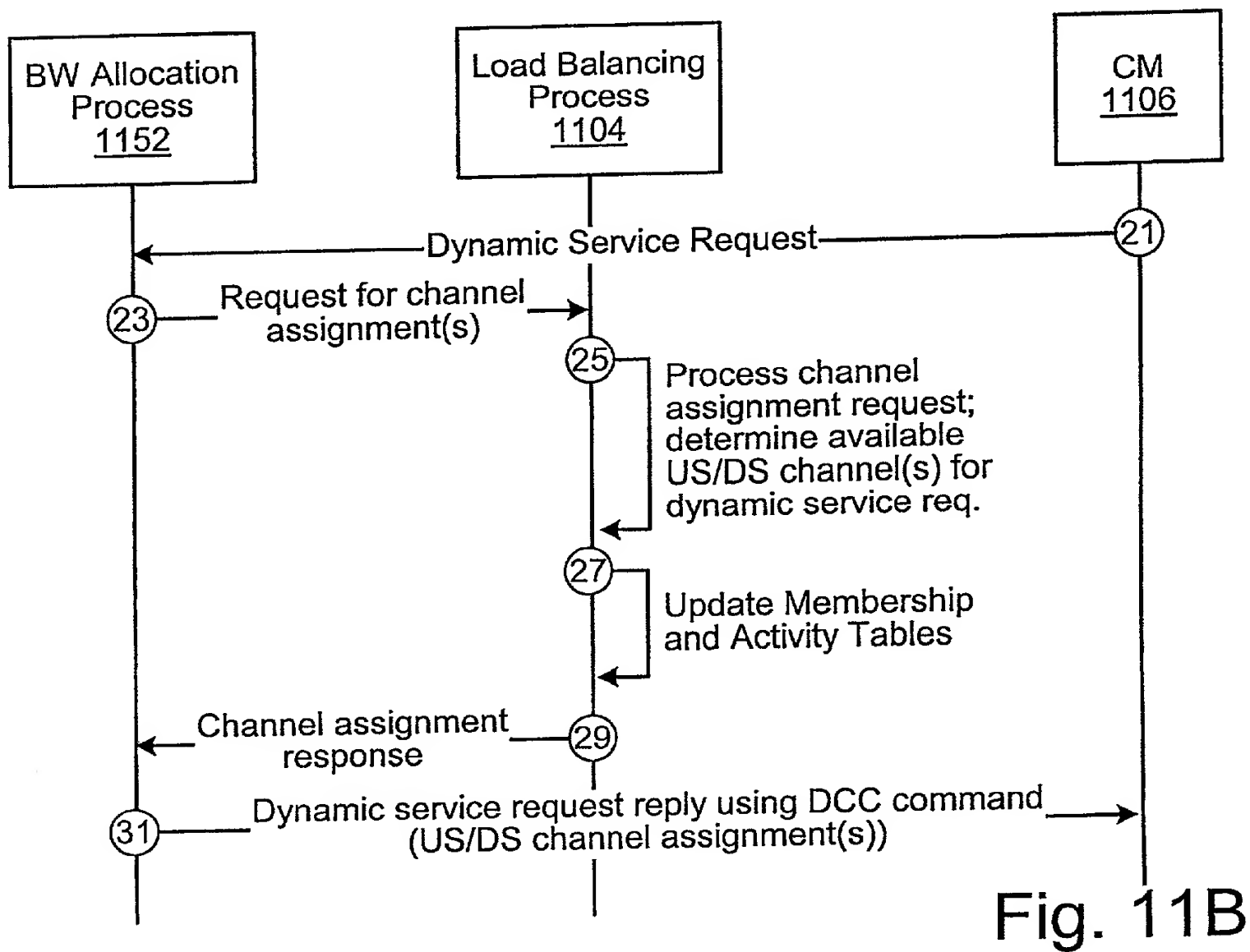
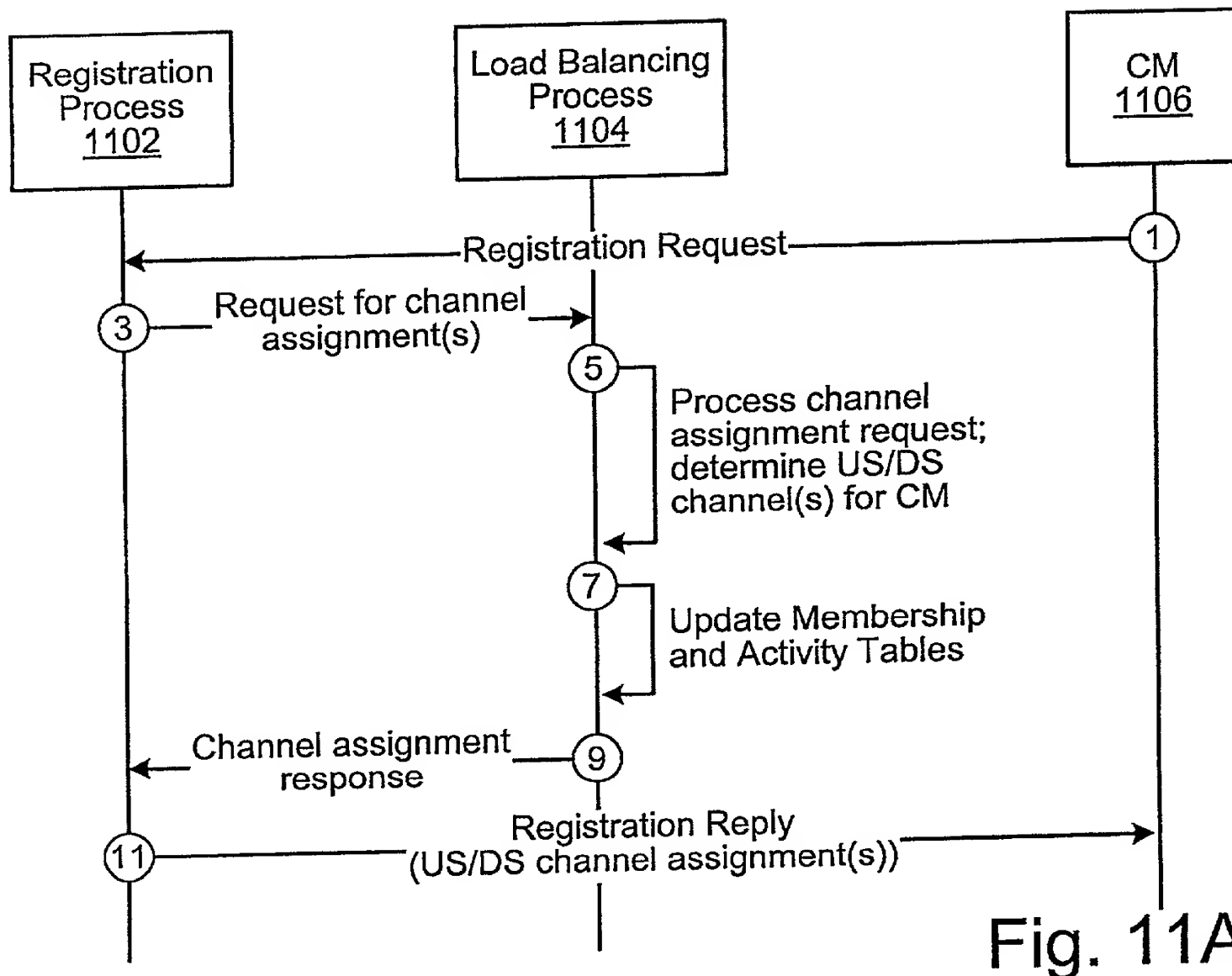
Fig. 10B

1020

| US Load Sharing Group ID | US Channels | Sub-Domain ID |
|--------------------------|-------------|---------------|
| USG1 | US1-US3 | A |
| USG2 | US4-US6 | A |
| USG3 | US7-US9 | A |
| USG4 | US10-US12 | A |

Fig. 10C

1030



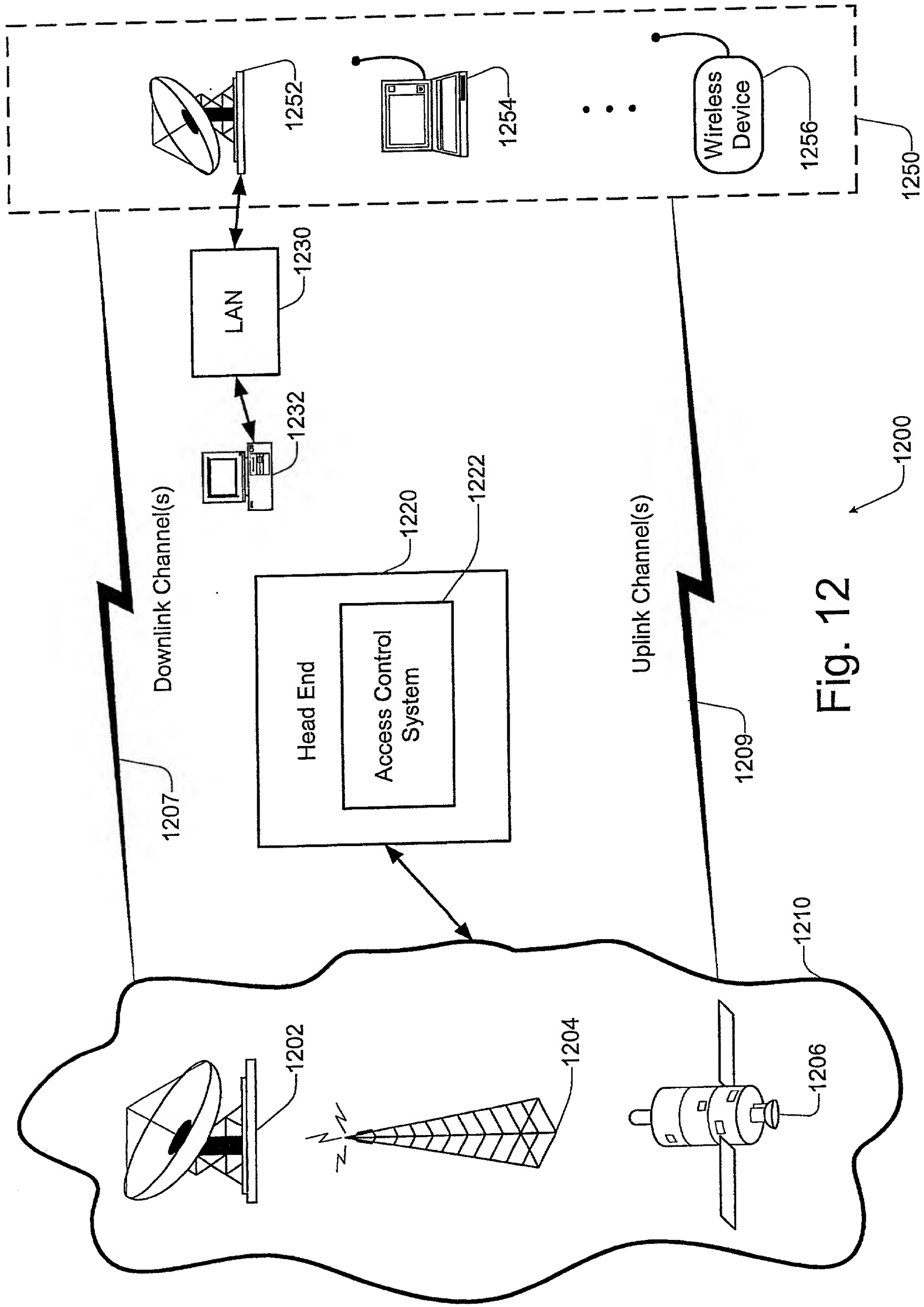


Fig. 12

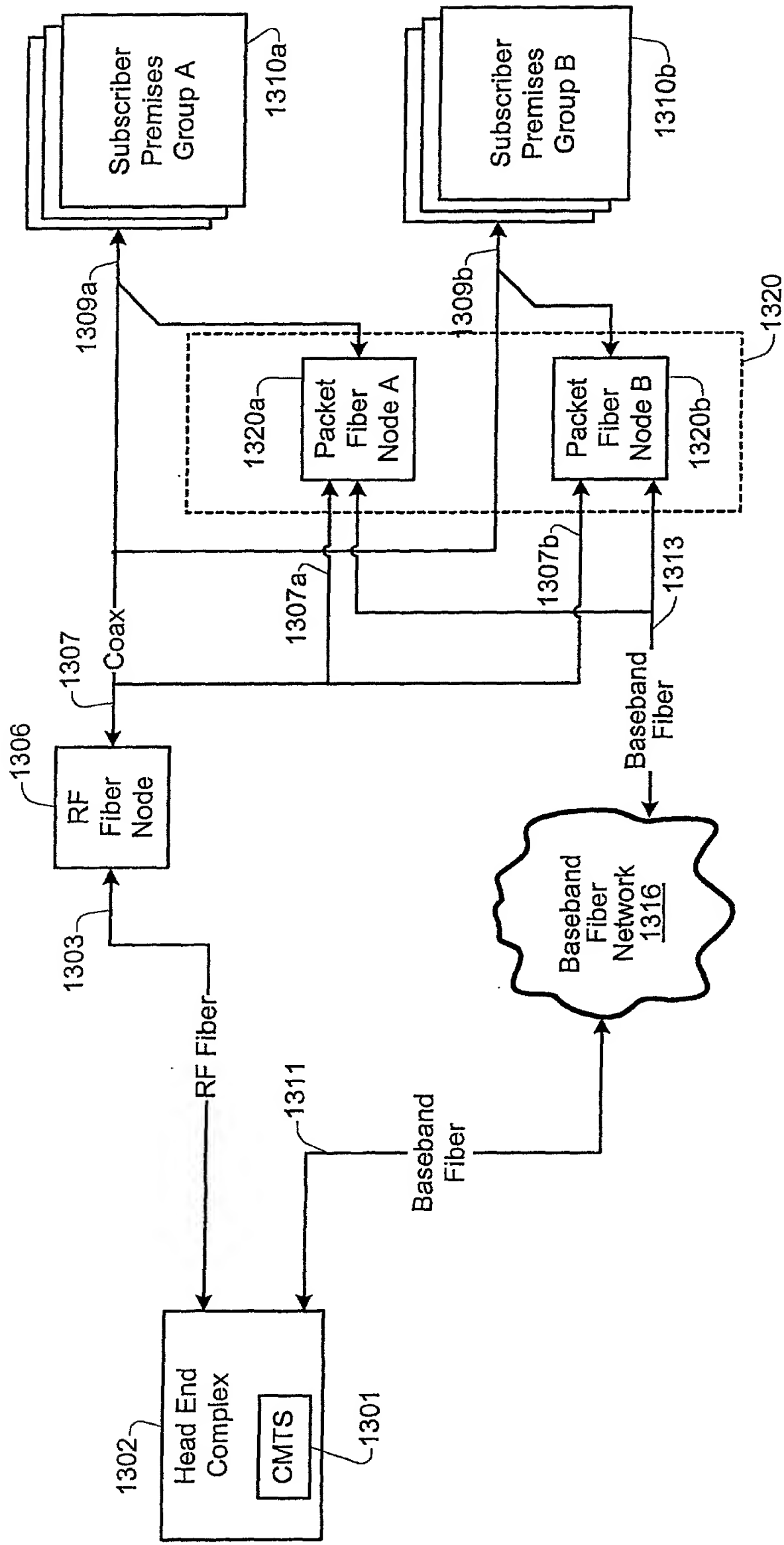


Fig. 13

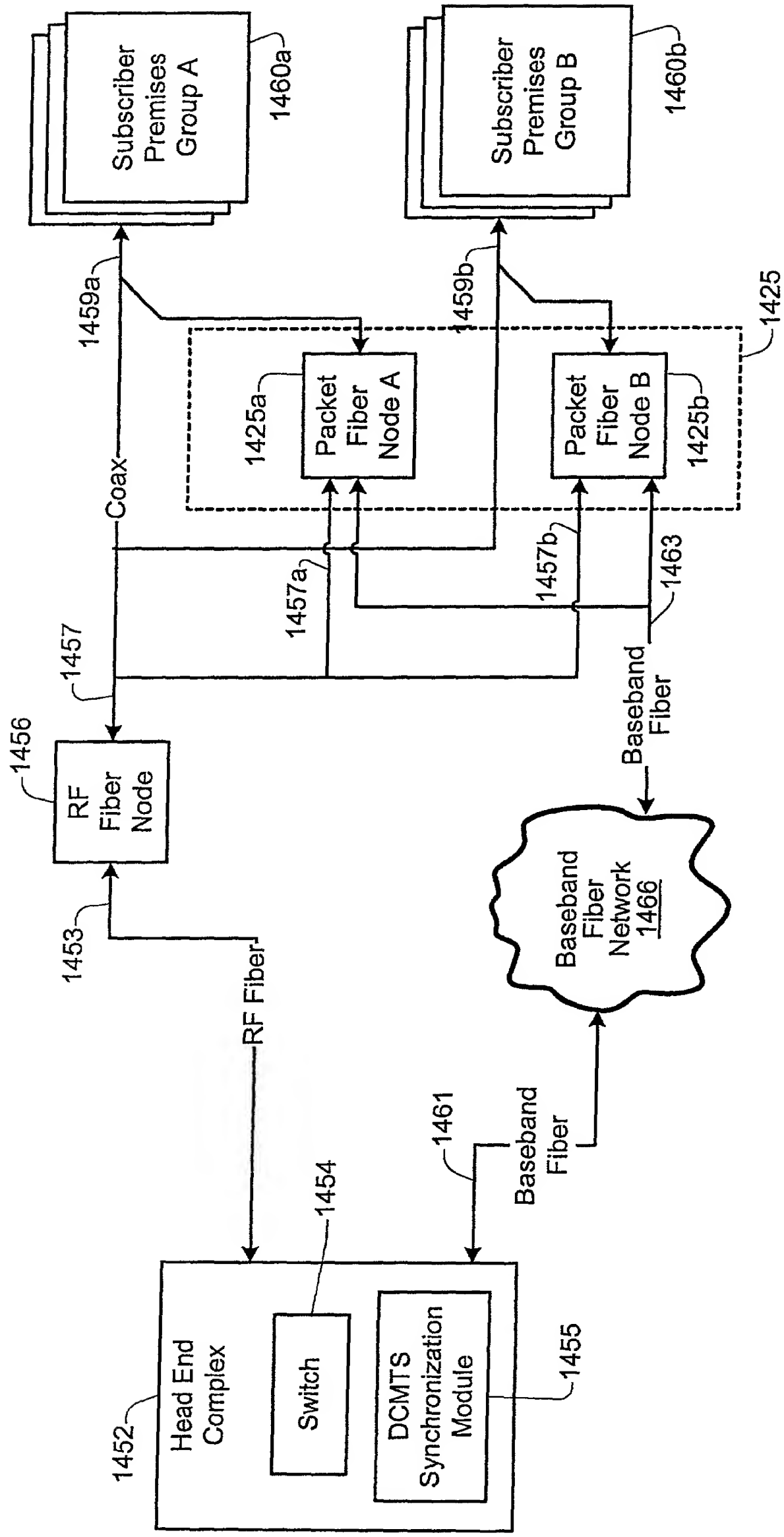


Fig. 14